

PATENT**REMARKS**

After entry of this amendment, claims 4-27, 29-33, and 35-56 will be pending in the present application, of which claims 24, 26, 30, 36, and 53 are independent. Applicants believe that the present application is in condition for allowance, which prompt and favorable action is respectfully requested.

I. AMENDMENTS TO THE SPECIFICATION

Applicant provides herewith amendments to the specification. The amendments to the specification are made by presenting marked up replacement paragraphs which identify changes made relative to the immediate prior version.

U.S. Patent application numbers have been replaced with the publication numbers or patent numbers.

Applicant believes these changes add no new matter to the application and are fully supported by the original disclosure.

II. ALLOWED CLAIMS

Claims 24 and 25 have been allowed. Claims 2, 3, 15, 28, and 34 have been indicated as being allowable if re-written in independent form including all limitations of their base claim.

III. REJECTION UNDER 35 U.S.C. §102

The Examiner rejected claims 1, 4, 5, 8-10, 17, 26, 27, 29-33, and 35 under 35 U.S.C. §102(e) as being allegedly anticipated by U.S. Patent No. 6,792,049 issued to Bao et al. (hereinafter "049"). The rejection is respectfully traversed in its entirety.

Claims 4, 5, 8-10, and 17 have been amended to depend on allowable claim 24 and are therefore allowable, at least, by virtue of their dependence on an allowable base claim.

Claim 26 has been amended to include the recitations of allowable claim 28 and is therefore allowable.

Claims 27 and 29 depend on allowable claim 26 and are therefore allowable, at least, by virtue of their dependence on an allowable base claim.

PATENT

Claim 30 has been amended to include the recitations of allowable claim 34 and is therefore allowable.

Claims 31-33 and 35 depend on allowable claim 30 and are therefore allowable, at least, by virtue of their dependence on an allowable base claim.

IV. REJECTION UNDER 35 U.S.C. §103

The Examiner rejected claims 6, 7, 11-14, 16, and 18-23 under 35 U.S.C. §103(a) as being allegedly unpatentable over '049 in combination with various other references. The rejection is respectfully traversed in its entirety.

Claims 6, 7, 11-14, 16, and 18-23 now depend on allowable claim 24 and are therefore allowable, at least, by virtue of their dependence.

V. NEW CLAIMS

New independent claim 35 recites, amongst other things, "deriving a calibration function indicative of a difference between a data transmission from the transmitter unit to the receiver unit and a data transmission from the receiver unit to the transmitter unit." This recitation is not disclosed in '049 or the other cited references. Therefore, for at least this reason, claim 35 is allowable.

Claims 36-52 depend on allowable claim 35 and are therefore allowable, at least, by virtue of their dependence.

New independent claim 53 recites, amongst other things, "a controller operative to derive a calibration function indicative of a difference between a data transmission from the transmitter unit to the receiver unit and a data transmission from the receiver unit to the transmitter unit." This recitation is not disclosed in '049 or the other cited references. Therefore, for at least this reason, claim 53 is allowable.

Claims 54-56 depend on allowable claim 53 and are therefore allowable, at least, by virtue of their dependence.

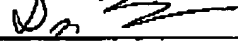
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REQUEST FOR ALLOWANCE

In view of the foregoing, Applicant submits that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

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